

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	<del>Not Yet Assigned</del> 10 664,524
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	Herewith
		First Named Inventor	Dean A. Schaefer, et al
		Group Art Unit	3739 (Parent Appl)
		Examiner Name	Michael Peffley (Parent Appl)
(use as many sheets as necessary)		Attorney Docket Number	2024728-7031453001 (00-011US2)
Sheet	1	of	3

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
MP	1.	5,672,173		Gough et al.	09-30-1997	
	2.	5,672,174		Gough et al.	09-30-1997	
	3.	5,728,143		Gough et al.	03-17-1998	
	4.	5,741,225		Lax et al.	04-21-1998	
	5.	5,782,827		Gough et al.	07-21-1998	
	6.	5,800,484		Gough et al.	09-01-1998	
	7.	5,810,804		Gough et al.	09-22-1998	
	8.	5,827,278		LeVeen et al.	10-27-1998	
	9.	5,855,576		LeVeen et al.	01-05-1999	
	10.	5,863,290		Gough et al.	01-26-1999	
	11.	5,868,740		LeVeen et al.	02-09-1999	
	12.	5,913,855		Gough et al.	08-22-1999	
	13.	5,925,042		Gough et al.	07-20-1999	
	14.	5,928,229		Gough et al.	07-27-1999	
	15.	5,935,123		Edwards et al.	08-10-1999	
	16.	5,951,547		Gough et al.	09-14-1999	
	17.	5,954,717		Behl et al.	09-21-1999	
	18.	5,980,517		Gough et al.	11-09-1999	
	19.	6,041,260		Stern et al.	03-21-2000	
	20.	6,050,992		Nichols	04-18-2000	
	21.	6,053,937		Edwards et al.	04-25-2000	
	22.	6,059,780		Gough et al.	05-09-2000	
	23.	6,071,280		Edwards et al.	06-06-2000	
	24.	6,077,261		Behl et al.	06-20-2000	
	25.	6,080,149		Huang et al.	06-27-2000	
	26.	6,080,150		Gough et al.	06-27-2000	
	27.	6,090,105		Zepeda et al.	07-18-2000	
	28.	6,235,023		Lee et al.	05-22-2001	

Examiner Signature	<i>M. Peffley</i>	Date Considered	5/11/05
-----------------------	-------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450

PA:52117115.1/2024728-7031453001

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned 10/664,524
				Filing Date	Herewith
				First Named Inventor	Dean A. Schaefer, et al
				Group Art Unit	3739 (Parent Appl)
				Examiner Name	Michael Peffley (Parent Appl)
Sheet	2	of	3	Attorney Docket Number	2024728-7031453001 (00-011US2)

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>2</sub>
		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

OTHER DOCUMENTS -- NON PATENT LITERATURE			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T <sup>2</sup>
mp	BB	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF 2000™ Generator and the LeVein™ Needle Electrode" 1. Abstract: Soulen, et al., "Oral Presentation at the SCVIR," March 20-15, 1999, in <u>Radiofrequency Energy: Clinical Applications</u> , Radio Therapeutics Corporation	
	BC	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF 2000™ Generator and the LeVein™ Needle Electrode" 2. Abstract: Bauer, et al., "Radiofrequency Ablation Therapy for Large, Complex Hepatic Metastases," 52 <sup>nd</sup> Annual Mtg. Of Society of Surgical Oncologists, March 4-7, 1999, in <u>Radiofrequency Energy: Clinical Applications</u> , Radio Therapeutics Corporation	
	BD	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF 2000™ Generator and the LeVein™ Needle Electrode" 3. Abstract: Birdwell, et al., "Preliminary Experience with Intraoperative Radiofrequency Breast Tumor Ablation," 84 <sup>th</sup> Annual Mtg. Of the Radiology Society of North America, November 29-December 4, 1998 in <u>Radiofrequency Energy: Clinical Applications</u> , Radio Therapeutics Corporation	
	BE	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVein™ Needle Electrode" 4. Abstract: Curley, et al., "Freeze or Fry: A Comparison of Cryoablation and Radiofrequency Ablation for Malignant Liver Tumors," 49 <sup>th</sup> Annual Mtg. Of the American Association for the Study of Liver Diseases, 11-6-11-10, 1998 in <u>Radiofrequency Energy: Clinical Applications</u> , Radio Therapeutics Corporation	
	BF	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVein™ Needle Electrode" 5. Abstract: Gantert et al., "Radiofrequency Ablation of Malignant Liver Tumors: Development of a New Multi-Array Electrode and Results of the First Human Treat-and-Resect Trials," 51 <sup>st</sup> Annual Mtg. Of the Society of Surgical Oncologists, 3-26-3-29, 1998 in <u>Radiofrequency Energy: Clinical Applications</u> , Radio Therapeutics Corporation	
mp	BG	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVein™ Needle Electrode" 6. Abstract: Gandhi et al., "MR-Guided Radio Frequency Ablation of Breast Tissue Preliminary Results in a Mixed Fat-Water Tissue Phantom," 23 <sup>rd</sup> Annual Mtg. Of the Society of Cardiovascular & Interventional Radiologists, 2-28-3-5-1998	

Examiner Signature		Date Considered	5/11/05
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450  
PA:52117115.1/2024728-7031453001

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	<del>Not Yet Assigned</del> 10/664,524
		Filing Date	Herewith
		First Named Inventor	Dean A. Schaefer, et al
		Group Art Unit	3739 (Parent Appl)
		Examiner Name	Michael Peffley (Parent Appl)
Sheet 3 of 3	Attorney Docket Number	2024728-7031453001 (00-011US2)	

MP	BH	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 7. Abstract: LeVeen et al., "Large RF Ablation Lesion Produced with a Radially Expanding Monopolar Array Electrode: Long-term Porcine Experiments," 22 <sup>nd</sup> Annual Mtg. Of Society of Cardiovascular & Interventional Radiology, 03-8-13, 1997	
	BI	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 8. Abstract: LeVeen et al., "Large Volume Porcine Liver Ablation with Use of a Percutaneous Expandable Electrosurgical Probe," 21 <sup>st</sup> Annual Mtg. Of Society of Cardiovascular & Interventional Radiology, 03-27-3-7, 1996	
	BJ	Radiotherapeutics Corporation, "Radiofrequency Energy: Clinical Applications - Previously presented data from experiences with the RF2000™ Generator and the LeVeen™ Needle Electrode" 9. Curley, "Case Study: Radiofrequency-induced necrosis of liver tissue - Nectoris zones 1 and 6 months after the procedure,"	
	BK	Curley, "Radiofrequency Ablation of Unresectable Primary and Metastatic Hepatic Malignancies", Anals of Surgery, pp 1-8: 130(1), 1999	
	BL	Lawson, "Radiofrequency-induced Necrosis in Soft Tissues, A review of Deployments in Animals and Humans,"	
	BM	Lawson, "Radiofrequency-induced Necrosis in Soft Tissues, A Result from Animal and Human Deployments," Radio Therapeutics Corporation	
V	BN	LeVeen, "Laser Hyperthermia and Radiofrequency Ablation of Hepatic Lesions," Seminars in Interventional Radiology, pp 313-324: 14 (3), 1997	
MP	BO	RTC Training Manual, Chapters 1-9	

Examiner Signature <span style="font-family: cursive;">M. Peffley</span>	Date Considered <span style="font-family: cursive;">5/11/05</span>
--	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450  
PA:52117115.1/2024728-7031453001